

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: JARABEK, Andrew; TOMBUL, Aris; CARSON, Mark; NGUYEN, Ho
Serial No.: 10/675,799(UNOFFICIAL)
Filed: September 30, 2003
Title: MANAGING DATA IN A SUBTENDED SWITCH
Examiner:
Attorney Ref.: PAT 2514-2 US

July 18, 2005

Commissioner for Patents
United States Patent and Trademark Office
Customer Service Window
Randolph Building, 401 Dulany Street
Alexandria, Virginia, 22314. U.S.A.

Dear Sir:

**RE-SUBMISSION OF REVOCATION OF POWER OF ATTORNEY
AND APPOINTMENT OF NEW POWER OF ATTORNEY**

On February 7, 2005, we submitted via facsimile (703-872-9306) a Revocation of Power of Attorney and Appointment of New Power of Attorney. Enclosed is the United States Patent and Trademark Office facsimile Auto-Reply for your reference, together with our original submission.

Please confirm that Borden Ladner Gervais, customer number 42534, have been made agents of record for this application.

Respectfully Submitted,

Andrew JARABEK et al.

By: 

Dennis R. Haszko
Reg. No. 39,575
Borden Ladner Gervais LLP
100 Queen Street, Suite 1100
Ottawa, ON
Canada K1P 1J9
Tel: (613) 237-5160
Fax: (613) 787-3558
E-mail: ipinfo@blgcanada.com

DRH/AAB/aab

Encls.

1. Auto-Reply Facsimile Transmission
2. Form PTO/SB21
3. Revocation of Power of Attorney and Appointment of New Power of Attorney
4. Statement Under 37 CFR 3.73(b)
5. Executed Assignment



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GERVAIS

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tel.: (613) 237-5160 fax: (613) 787-3558
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ipinfo@blgcanada.com
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I hereby certify that these papers, consisting of 6 pages total, are being facsimile transmitted to the Patent and Trademark Office 703-872-9306 on the date shown below.

DATE: February 7, 2005

**Dennis R. Haszko
Registration No.: 39,575**

TO THE ATTENTION OF:

MAIL STOP:

COMPANY: United States Patent and Trademark Office

CITY: Arlington, Virginia, U.S.A.

FAX NUMBER: 703-872-9306

DATE / TIME: February 7, 2005

FROM: Dennis R. Haszko

DIRECT DIAL: (613) 237-5160

OUR FAX NUMBER: (613) 787-3558

RE: United States Patent Appl No. 10/675,799(UNOFFICIAL)

Title: MANAGING DATA IN A SUBTENDED SWITCH

Inventor(s): JARABEK, Andrew; TOMBUL, Aris; CARSON, Mark; NGUYEN, Ho

Our File: PAT 2514-2 US

NUMBER OF PAGES, INCLUDING THIS PAGE: 6
CONFIRMATION TO FOLLOW: NONE

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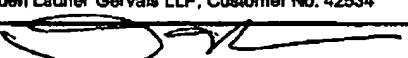
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FORM

(to be used for all correspondence after initial filing)

Total Number of Pages in This Submission 5

| | |
|----------------------|-------------------------|
| Application Number | 10/675,798 (UNOFFICIAL) |
| Filing Date | September 30, 2004 |
| First Named Inventor | Andrew JARABEK et al. |
| Art Unit | |
| Examiner Name | |

Attorney Docket Number PAT 2514-2

| ENCLOSURES (Check all that apply) | | |
|--|---|---|
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| | | |
| SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT | | |
| Firm Name | Borden Ladner Gervais LLP, Customer No. 42534 | |
| Signature |  | |
| Printed name | Dennis R. Haszko | |
| Date | February 7, 2006 | Reg. No. 39,575 |

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| Signature | |
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| | Date |

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STATEMENT UNDER 37 CFR 3.73(b)

Applicant/Patent Owner: **NORTEL NETWORKS LIMITED**

Application No./Patent No.: **10/675,799(unofficial)** Filed/Issue Date: **September 30, 2003**

Entitled: **MANAGING DATA IN A SUBTENDED SWITCH**

NORTEL NETWORKS LIMITED, a **Corporation**

(Name of Assignee) (Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

states that it is:

1. the assignee of the entire right, title, and interest; or
2. an assignee of less than the entire right, title and interest.
The extent (by percentage) of its ownership interest is _____ %

in the patent application/patent identified above by virtue of either:

A An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the United States Patent and Trademark Office at Reel _____, Frame _____, or for which a copy thereof is attached.

OR

B A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as shown below.

1. From: _____ To: _____
The document was recorded in the United States Patent and Trademark Office at Reel _____, Frame _____, or for which a copy thereof is attached.
2. From: _____ To: _____
The document was recorded in the United States Patent and Trademark Office at Reel _____, Frame _____, or for which a copy thereof is attached.
3. From: _____ To: _____
The document was recorded in the United States Patent and Trademark Office at Reel _____, Frame _____, or for which a copy thereof is attached.

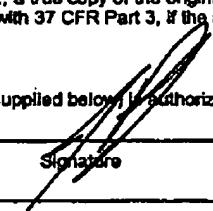
Additional documents in the chain of title are listed on a supplemental sheet.

Copies of assignments or other documents in the chain of title are attached.

[NOTE: A separate copy (i.e., a true copy of the original assignment document(s)) must be submitted to Assignment Division in accordance with 37 CFR Part 3, if the assignment is to be recorded in the records of the USPTO. See MPEP 302.08.]

The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.

January 27, 2005


Jean-Pierre Fortin

Date
613-768-3035

Printed or Typed Name

Telephone Number

Director, Intellectual Property

Title

This collection of information is required by 37 CFR 3.73(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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**REVOCATION OF POWER OF
ATTORNEY WITH
NEW POWER OF ATTORNEY
AND
CHANGE OF CORRESPONDENCE ADDRESS**

| | |
|------------------------|-------------------------|
| Application Number | 10/675,799 (UNOFFICIAL) |
| Filing Date | September 30, 2003 |
| First Named Inventor | Andrew JARABEK et al. |
| Art Unit | |
| Examiner Name | |
| Attorney Docket Number | PAT 2514-2 |

I hereby revoke all previous powers of attorney given in the above-identified application.

A Power of Attorney is submitted herewith.

OR

I hereby appoint the practitioners associated with the Customer Number: 42534

Please change the correspondence address for the above-identified application to:

The address associated with Customer Number:

42534

OR

Firm or Individual Name

Address

City

State

Zip

Country

Telephone

Fax

I am the:

Applicant/Inventor.

Assignee of record of the entire interest. See 37 CFR 3.71.
Statement under 37 CFR 3.73(b) is enclosed. (Form PTO/SB/96)

SIGNATURE of Applicant or Assignee of Record

Signature

Name Jean Pierre Fertin, Director, Intellectual Property

Date January 27, 2005

Telephone

613-768-3035

NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required, see below.

Total of 1 forms are submitted.

This collection of information is required by 37 CFR 1.36. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 3 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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 165/25/2474 16:10 16X NITEC + 63881765

613 769 3635 TO SUJEN LADNER P.04/21
 NO. 172 003

Attorney Docket No: 10360-098001/

ASSIGNMENT

For valuable consideration, we, ANDREW JARABEK of 31 Cherrywood Drive, Nepean, Ontario, CANADA K2H 6H1, ARIS TOMBIL of 1071 Ambleside #1104, Ottawa, Ontario, CANADA K2B 6V4, MARK CARSON of 63 North Circular Road, Belfast, United Kingdom, BT15 5FK, and HO NGUYEN of 1079 Alameda Crt., Ottawa, Ontario, CANADA K2B 8H2, hereby assign to: Nunet Networks Limited, a corporation of CANADA having a place of business at: 2351 Boulevard Alfred-Nobel, St. Laurent, Quebec, H4S 2A9, Canada; and its successors and assigns (collectively hereinafter called "the Assignee"), the entire right, title and interest throughout the world in the inventions and improvements which are subject of an application for United States Patent signed by us, entitled MANAGING DATA IN A SUSPENDED SWITCH, filed September 30, 2003, and assigned U.S. Serial Number 10/675,792; this assignment including said application, any and all United States and foreign patents, utility models, and design registrations granted for any of said inventions or improvements, and the right to claim priority based on the filing date of said application under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other treaties of like purposes; and we authorize the Assignee to apply in all countries in our name or in its own name for patents, utility models, design registrations and like rights of exclusion and for inventors' certificates for said inventions and improvements; and we agree for ourselves and our respective heirs, legal representatives and assigns, without further compensation to perform such lawful acts and to sign such further applications, assignments, Preliminary Statements and other lawful documents as the Assignee may reasonably request to effectuate fully this assignment.

Page 1 of 2

A)
 AT
 HN.
 MB.

NOV 22 2004 14:02 FR NUTEL NETWORKS 613 768 3635 TO BUJEN LADNER P.05/21
 02/04 15:18 16X NITEC • 63551785 NO.172 PGW

Attorney Docket No: 10360-0980011

IN WITNESS WHEREOF, I hereby set my hand and seal at Ottawa, ONT, Canada
 this 11 day of February, 2004

Andrew Jarabek
 ANDREW JARABEK

L.S.

Witness: Yelmer Yara Date: Feb. 11, 2004
 Witness: Mark Tombul Date: Feb. 11, 2004

IN WITNESS WHEREOF, I hereby set my hand and seal at Ottawa, ONT, Canada
 this 11 day of February, 2004

Mark Tombul

L.S.

Witness: Yelmer Yara Date: Feb. 11, 2004
 Witness: Mark Tombul Date: Feb. 11, 2004

IN WITNESS WHEREOF, I hereby set my hand and seal at _____
 this 25 day of February, 2004

Mark Carson

L.S.

Witness: James Jeremy Date: 25/02/04
 Witness: P.S. Taylor Date: 25/02/04

IN WITNESS WHEREOF, I hereby set my hand and seal at Ottawa, ONT, Canada
 this 12 day of February, 2004

HD Nguyen

L.S.

Witness: Yelmer Yara Date: Feb. 12, 2004
 Witness: HD Nguyen Date: Feb. 12, 2004

30164334.doc

Page 2 of 2

02-28-04 11:21

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P-84



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Lawyers - Patent & Trade-mark Agents
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DATE: February 7, 2005


Dennis R. Haszko
Registration No.: 39,575

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COMPANY: United States Patent and Trademark Office

CITY: Arlington, Virginia, U.S.A.

FAX NUMBER: 703-872-9306

DATE / TIME: February 7, 2005

FROM: Dennis R. Haszko

DIRECT DIAL: (613) 237-5160

OUR FAX NUMBER: (613) 787-3558

RE: United States Patent Appln No. 10/675,799(UNOFFICIAL)

Title: MANAGING DATA IN A SUBTENDED SWITCH

Inventor(s): JARABEK, Andrew; TOMBUL, Aris; CARSON, Mark; NGUYEN, Ho

Our File: PAT 2514-2 US

NUMBER OF PAGES, INCLUDING THIS PAGE: 6

CONFIRMATION TO FOLLOW: NONE

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Filing Date September 30, 2004

First Named Inventor Andrew JARABEK et al.

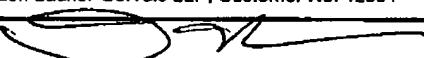
Art Unit

Examiner Name

Attorney Docket Number PAT 2514-2

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| <input type="checkbox"/> Remarks | | |

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

| | | | |
|--------------|---|----------|--------|
| Firm Name | Borden Ladner Gervais LLP, Customer No. 42534 | | |
| Signature |  | | |
| Printed name | Dennis R. Haszko | | |
| Date | February 7, 2005 | Reg. No. | 39,575 |

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STATEMENT UNDER 37 CFR 3.73(b)Applicant/Patent Owner: **NORTEL NETWORKS LIMITED**Application No./Patent No.: **10/675,799(unofficial)** Filed/Issue Date: **September 30, 2003**Entitled: **MANAGING DATA IN A SUBTENDED SWITCH****NORTEL NETWORKS LIMITED**, a **Corporation**
(Name of Assignee) (Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

states that it is:

1. the assignee of the entire right, title, and interest; or
2. an assignee of less than the entire right, title and interest.
The extent (by percentage) of its ownership interest is _____ %

in the patent application/patent identified above by virtue of either:

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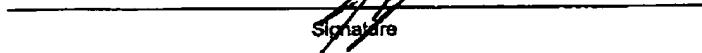
OR

B A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as shown below:1. From: _____ To: _____
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[NOTE: A separate copy (i.e., a true copy of the original assignment document(s)) must be submitted to Assignment Division in accordance with 37 CFR Part 3, if the assignment is to be recorded in the records of the USPTO. See MPEP 302.08]

The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.

January 27, 2005


SignatureDate
613-768-3035Jean-Pierre Fortin
Printed or Typed Name

Telephone Number

Director, Intellectual Property
Title

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**REVOCATION OF POWER OF
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NEW POWER OF ATTORNEY
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CHANGE OF CORRESPONDENCE ADDRESS**

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|------------------------|------------------------|
| Application Number | 10/675,799(UNOFFICIAL) |
| Filing Date | September 30, 2003 |
| First Named Inventor | Andrew JARABEK et al. |
| Art Unit | |
| Examiner Name | |
| Attorney Docket Number | PAT 2514-2 |

I hereby revoke all previous powers of attorney given in the above-identified application. A Power of Attorney is submitted herewith.**OR** I hereby appoint the practitioners associated with the Customer Number:

42534

 Please change the correspondence address for the above-identified application to: The address associated with
Customer Number:

42534

OR Firm or
Individual Name

Address

City

State

Zip

Country

Telephone

Fax

I am the:

 Applicant/Inventor. Assignee of record of the entire interest. See 37 CFR 3.71.
Statement under 37 CFR 3.71(d) is enclosed. (Form PTO/SB/96)**SIGNATURE of Applicant or Assignee of Record**

Signature

Name

Date

Jean Pierre Fortin, Director, Intellectual Property

January 27, 2005

Telephone

613-768-3035

NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required, see below.

 Total of 1 forms are submitted.

This collection of information is required by 37 CFR 1.38. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 3 minutes to complete. Including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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613 768 3635 TO BLAIDEN LADNER P.04/21
 NO. 172 D03

Attorney Docket No: 10360-098001/

ASSIGNMENT

For valuable consideration, we, ANDREW JARABEK of 31 Cherrywood Drive, Nepean, Ontario, CANADA K2H 6H1, ARIS TOMBUL of 1071 Ambleside P1104, Ottawa, Ontario, CANADA K2B 6Y4, MARK CARSON of 68 Ninth Circuit Road, Belfast, United Kingdom, BT15 3ER, and HONGUYEN of 1079 Allemonte Cres., Ottawa, Ontario, CANADA K2B 8H2, hereby assign to: Nutel Networks Limited, a corporation of CANADA having a place of business at: 2351 Boulevard Alfred-Nobel, St. Laurent, Quebec, H4S 2A9, Canada; and its successors and assigns (collectively hereinafter called "the Assignee"), the entire right, title and interest throughout the world in the inventions and improvements which are subject of an application for United States Patent signed by us, entitled MANAGING DATA IN A SUBTENDED SWITCH, filed September 30, 2003, and assigned U.S. Serial Number 10/675,799; this assignment including said application, any and all United States and foreign patents, utility models, and design registrations granted for any of said inventions or improvements, and the right to claim priority based on the filing date of said application under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other treaties of like purposes; and we authorize the Assignee to apply in all countries in our name or in its own name for patents, utility models, design registrations and like rights of exclusion and for inventors' certificates for said inventions and improvements; and we agree for ourselves and our respective heirs, legal representatives and assigns, without further compensation to perform such lawful acts and to sign such further applications, assignments, Preliminary Statements and other lawful documents as the Assignee may reasonably request to effectuate fully this assignment.

Page 1 of 2

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613 768 3635 TO BLWJEN LADNER P.05/21
NO.172 034

Attorney Docket No: 10360-098001/

IN WITNESS WHEREOF, I hereby set my hand and seal in Ottawa, ONT, Canada
this 11 day of February, 2004
Andrew Jarabek
ANDREW JARABEK

Witness: Yelmer Yaron Date: Feb. 11, 2004
Witness: Mark Tombul Date: Feb. 11, 2004

IN WITNESS WHEREOF, I hereby set my hand and seal at Ottawa, ONT, Canada
this 11 day of February, 2004

Mark Tombul
Witness: Yelmer Yaron Date: Feb. 11, 2004
Witness: Mark Tombul Date: Feb. 11, 2004

IN WITNESS WHEREOF, I hereby set my hand and seal at _____
this 25 day of February, 2004

Mark Carson
Witness: James Deeny Date: 25/02/04
Witness: P.S. High Date: 25/02/04

IN WITNESS WHEREOF, I hereby set my hand and seal at Ottawa, ONT, Canada
this 12 day of February, 2004

Ho Nguyen
Witness: Yelmer Yaron Date: Feb. 12, 2004
Witness: Mark Tombul Date: Feb. 12, 2004

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| Application No. Not Yet Assigned | Filing Date September 30, 2003 | Attorney/Secretary init DGM/EJM/lxf | |
| Title of the invention MANAGING DATA IN A SUBTENDED SWITCH | | | |
| Applicant Andrew Jarabek et al. | | | |
| Enclosures -Transmittal Letter (2 pages) -Patent Application (11 pages of specification, 3 pages of claims, 15 total claims, 1 pages of abstract) -Drawings (formal, 7 sheets) -Other: Postcard. | | | |
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Inventor(s) named on the filing receipt and the Inventor(s) named in the declaration/filing request match

Title noted on filing receipt and on the application match

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BOSTON OFFICE**

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Attorney's Docket No.: I0360-098001
Client's Ref. No.:**COMBINED DECLARATION AND POWER OF ATTORNEY**

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled MANAGING DATA IN A SUBTENDED SWITCH, the specification of which was filed on September 30, 2003 as Application Serial No. _____.

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose all information I know to be material to patentability in accordance with Title 37, Code of Federal Regulations, §1.56.

I hereby appoint the following attorneys and/or agents to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith:

Denis G. Maloney, Reg. No. 29,570

Paul A. Pysher, Reg. No. 40,780

David L. Feigenbaum, Reg. No. 30,378

Holmes Anderson, Reg. No. 37, 272

Direct all telephone calls to DENIS G. MALONEY at telephone number (617) 542-5070.

Direct all correspondence to the following:

26161
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I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patents issued thereon.

ANDREW JARABEK

Full Name of Inventor:

Inventor's Signature: 

Date:

Oct 29, 2003

Residence Address:

31 Cherrywood Drive
Nepean, Ontario
CANADA K2H, 6H1Citizenship:
Post Office Address:CANADA
31 Cherrywood Drive
Nepean, Ontario
CANADA K2H 6H1HN
AT
ML

NOV 22 2004 14:03 FR Nortel Networks

613 768 3635 TO BORDEN LADNER P.07/21

Attorney's Docket No.: 10360-098001

Client's Ref. No.:

Combined Declaration and Power of Attorney
Page 2 of 2 Pages

Full Name of Inventor: ARIS TOMBUL

Inventor's Signature: Date: Oct 29, 2003

Residence Address: 1071 Ambleside #1202

Ottawa, Ontario

CANADA K2B 6V4

CANADA

Citizenship: CANADA

Post Office Address: 1071 Ambleside #1202

Ottawa, Ontario

CANADA K2B 6V4

Full Name of Inventor: MARK CARSON

Inventor's Signature: Date: 20th Nov 2003

Residence Address: 68 North Circular Road

Belfast

United Kingdom

BT15 5PE

Citizenship: United Kingdom

Post Office Address: 68 North Circular Road

Belfast

United Kingdom

BT15 5PE

Full Name of Inventor: HO NGUYEN

Inventor's Signature: Date: Oct 29, 2003

Residence Address: 1079 Algonede Cres.

Ottawa, Ontario

CANADA K2B 8H2

CANADA

Citizenship: 1079 Algonede Cres.

Ottawa, Ontario

CANADA K2B 8H2

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AJ -
AT. - HN.
MC

NOV 22 2004 14:03 FR Nortel Networks 613 768 3635 TO BORDEN LADNER P.08/21

Attorney Docket No: 10360-098001/

ASSIGNMENT

For valuable consideration, we, ANDREW JARABEK of 31 Cherrywood Drive Nepean, Ontario, CANADA K2H 6H1, ARIS TOMBUL of 1071 Ambleside #1202 Ottawa, Ontario, CANADA K2B 5V4, MARK CARSON of 68 North Circular Road Belfast, United Kingdom, BT15 5FE, and HO NGUYEN of 1079 Alenmede Cres, Ottawa, Ontario, CANADA K2B 8H2, hereby assign to: Nortel Networks Limited, a corporation of CANADA, having a place of business at: IP Law, Business Services, 600 Technology Park Drive, Mail Stop E65-60-104, Billerica, MA 01821-5501; and its successors and assigns (collectively hereinafter called "the Assignee"), the entire right, title and interest throughout the world in the inventions and improvements which are subject of an application for United States Patent signed by us, entitled MANAGING DATA IN A SUBTENDED SWITCH, filed September 30, 2003, and assigned U.S. Serial Number _____, and we authorize and request the attorneys appointed in said application to hereafter complete this assignment by inserting above the filing date and serial number of said application when known; this assignment including said application, any and all United States and foreign patents, utility models, and design registrations granted for any of said inventions or improvements, and the right to claim priority based on the filing date of said application under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other treaties of like purposes; and we authorize the Assignee to apply in all countries in our name or in its own name for patents, utility models, design registrations and like rights of exclusion and for inventors' certificates for said inventions and improvements; and we agree for ourselves and our respective heirs, legal representatives and assigns, without further compensation to perform such lawful acts and to sign such further applications, assignments, Preliminary Statements and other lawful documents as the Assignee may reasonably request to effectuate fully this assignment.

A).
A.T.
H.W.

MB PD

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613 768 3635 TO BORDEN LADNER

P.09/21

Attorney Docket No: 10360-098001/

IN WITNESS WHEREOF, I hereto set my hand and seal at Ottawa, Canada,
 this 29 day of October, 2003

Andrew J. Arabeck
 ANDREW JARABEK

L.S.

Witness: John L. S. Date: Oct 29, 2003

Witness: Bob Hansen Date: OCT 29, 2003

IN WITNESS WHEREOF, I hereto set my hand and seal at OTTAWA, CANADA,
 this 29 day of October, 2003

Mark Tombul
 MARK TOMBUL

L.S.

Witness: John L. S. Date: Oct 29, 2003

Witness: Bob Hansen Date: OCT 29, 2003

IN WITNESS WHEREOF, I hereto set my hand and seal at Beaufort, U.K.,
 this 20 day of November, 2003

Mark Carson
 MARK CARSON

L.S.

Witness: John L. S. Date: Oct 20, 2003

Witness: James Kennedy Date: Nov 20, 2003

IN WITNESS WHEREOF, I hereto set my hand and seal at Ottawa, Canada,
 this 29 day of October, 2003

Ho Nguyen
 HO NGUYEN

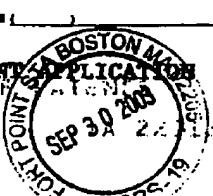
L.S.

Witness: John L. S. Date: Oct 29, 2003

Witness: Bob Hansen Date: OCT 29, 2003

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| Application No. Not Yet Assigned | Filing Date September 30, 2003 | Attorney/Secretary Init DGM/EJM/lxf | |
| Title of the Invention MANAGING DATA IN A SUBTENDED SWITCH | | | |
| Applicant Andrew Jarabek et al. | | | |
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